

*En route* to Samoa, Dr. Lincke stopped at Washington, November 17-21, and compared a set of portable magnetic instruments with the Coast and Geodetic Survey standards at Cheltenham, Maryland, he having previously compared the same set with the Potsdam magnetic observatory standards. Upon his arrival at Apia, he will compare this set with the observatory instruments used there and thus secure the necessary data for correlating the various observatory standards. Arrangements are thus being perfected for effective cooperation between the magnetic observatories of the German government and those of this country.

#### A MONUMENT TO J. W. POWELL.

DURING the recent excursion of the Eighth International Geographic Congress to the Grand Canyon of the Colorado in Arizona, a meeting was held in memory of Major J. W. Powell, in which his exploration of the canyon, his western surveys and his work as director of the United States Geological Survey and as organizer of the Bureau of Ethnology were briefly described. At the close of the meeting the following vote was passed:—

The members of the Eighth International Geographic Congress who visited the Grand Canyon of the Colorado River on September 26 and 27, 1904, express the hope that a suitable monument may be erected on the edge of the plateau overlooking the Grand Canyon to commemorate the labors of John Wesley Powell as explorer, geologist and ethnologist; and they request that committee, consisting of Messrs. Davis (temporary chairman), Bryant, Day, Gilbert, Hill, Libbey, McGee, Salisbury and Walcott, with power to add to their number, take steps to carry the above suggestion into effect.

The record of the vote was signed by fifty-four members of the congress excursion. A meeting of the committee will be held in Philadelphia, on Friday, December 30, for the purpose of organizing and taking such action as may seem appropriate.

#### SCIENTIFIC NOTES AND NEWS.

DR. R. S. WOODWARD, professor of mechanics and mathematical physics and dean of the

faculty of pure science, Columbia University, was elected president of the Carnegie Institution at the meeting of the trustees held at Washington, on December 13.

AT the meeting of the trustees of Princeton University on December 8 the resignation of Professor Charles A. Young from the chair of astronomy was accepted to take effect at the close of the present academic year, when he will become professor emeritus. Professor Young has held the chair of astronomy at Princeton since 1877. He celebrated his seventieth birthday on December 15.

THE council of the Edinburgh Royal Society at its recent meeting, decided to award to Professor Sir J. Dewar, F.R.S., the Gunning Victoria jubilee prize for 1900-1904, for his researches on the liquefaction of gases extending over the last quarter of a century, and on the chemical and physical properties of substances at low temperatures.

M. DASTRE, professor of medicine at Paris, has been elected a member of the Paris Academy of Sciences.

DR. J. MACKINTOSH BELL, instructor in geology at Harvard University, a nephew of Dr. Robert Bell, F.R.S., acting director of the Geological Survey of Canada, has been appointed government geologist of New Zealand to succeed Sir James Hector.

THE next autumn meeting of the Iron and Steel Institute of Great Britain will be held at Sheffield under the presidency of Mr. R. A. Hadfield.

DR. VICTOR C. VAUGHAN, of the University of Michigan, addressed the Philadelphia Pathological Society on December 8, at the College of Physicians, on the 'Relation of Food Adulteration to the Public Health.' A reception was tendered to Dr. Vaughan after the meeting.

DR. E. O. HOVEY, of the American Museum of Natural History, lectured at the Massachusetts Institute of Technology on December 8, under the auspices of the Society of Arts, on 'Mont Pelé: the Eruptions of 1902 and the Growth and Destruction of the Great Spine, or Obelisk.'